

S O L A R R A D I O E M I S S I O N
Selected Fixed Frequency Events

²⁹
Oct 07

OCTOBER 2007

Day	Freq	Sta	Type	Start	Time of	Flux Density		Int	Remarks
				(UT)	Maximum (UT)	Duration (Min)	Peak (10 -22 W/m ² Hz)		
16	410	PALE	8 S	1758.0	1758.0	U	150.0		QL=4 ST=2 TYP=3

Reports are received routinely from the following observatories:

LEAR = Learmonth PALE = Palehua SGMR = Sagamore Hill SVTO = San Vito

Explanation of Type Code:

1 Simple 1	7 Minor +	24 Rise	30 Post Burst Increase	A	43 Onset of Noise Storm
2 Simple 1F	8 Spike	25 Rise A	31 Post Burst Decrease		44 Noise Storm in Progress
3 Simple 2	20 Simple 3	26 Fall	33 Absorption		45 Complex
4 Simple 2F	21 Simple 3A	27 Rise and Fall	40 Fluctuation		46 Complex F
5 Simple	22 Simple 3F	28 Precursor	41 Group of Bursts		47 Great Burst
6 Minor	23 Simple 3AF	29 Post Burst Increase	42 Series of Bursts		48 Major
1A Simple 1A		4A Simple 2AF	24PF Post Rise F		27F Rise and Fall F
3A Simple 2A		4O Rise Only	16A Fall A		27AF Rise and Fall AF
21A Simple 3A GRF		4OF Rise Only F	26O Fall Only		31A Post Burst Decrease A
2A Simple 1AF		4P Post Rise	26F Fall F		32A Absorption A

RSTN Site Information: Beginning in April 1986, the RSTN sites LEAR, PALE, SGMR, and SVTO fixed frequency solar radio data are periodically adjusted to several world standard stations. These world standard stations include: Kislovodsk, USSR 15,500 MHz; Penticton, Canada 2800 MHz; and Hiraiso, Japan 500 and 200 MHz.